

od 3, 1955-

**Operation:**

1. Insert earpiece and/or receiver output plug into either of two receptacles on case labeled REC.
2. Apply filament power by pressing ON-OFF switch to ON position.
3. Press microswitch (keyer) on side of case to obtain tone in earpiece.
4. Rotate frequency control dial to desired frequency.
5. Calibration chart included with unit must be used to obtain actual frequency from dial reading.
6. Battery life of the Eveready 505Es is limited to 5 hours continuous key down operation at which time the frequency drifts 50 cycles upwards.
7. To compensate for various <sup>batteries</sup> ~~batteries~~ a test point accessible on side of case permits adjustment of calibration to set plate voltage on tubes at 37 volts. At 37 volts the frequency as calibrated holds within the tolerances permissible.

This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.

Audio Oscillator E/IN-X

General Description

Freq. 30-3000 Cycles	+ -5%
Dial Calibration	+ -10%
Resettability	+ -5%

Batteries: RM 1200	1.34 volts
Eveready 505E	22½ volt

Power Requirements:

Rm 1200	1.25 volts	78 ma
Eveready 505E	22½ volt	1.8 to 2 ma

Battery Life (at above current):

Rm 1200	35 Hr.
505E	5 Hr.